

MD 07 NOV 2003

**IN THE CLAIM**

**List of Claim:**

**Claim 1 ( currently amended):**

1. **[[An]] A gear extrusion molding machine [[comprises]] comprising:**
  - a main extrusion molding device, and a drive mechanism connected to the main extrusion molding device,**
  - the main extrusion molding device, and a drive mechanism connected to the main extrusion molding device,**
  - the gear mechanism having a main gear and a plurality of pinions,**
  - a feed mechanism having the main gear, a first portion of the gear mechanism, and a containing interior,**
  - the feed mechanism adjacent to the upper feed inlet of the main extrusion molding device,**
  - a compression mechanism disposed below the feed mechanism,**
  - the compression mechanism having the main gear, a second portion of the gear mechanism, and a guide interior,**
  - a blending mechanism disposed below the compression mechanism,**
  - the blending mechanism having a third portion of the gear mechanism, and a blending spacing,**
  - a metering mechanism disposed below the blending mechanism,**
  - the metering mechanism having a fourth portion of the gear mechanism, and**
  - the lower chamber of the main extrusion molding device communicating with the metering mechanism; wherein:**
    - the gear extrusion molding machine as claimed in claim 1, wherein the drive mechanism has a motor device, a transmission case, and a drive shaft connected to the motor device, and the drive shaft passes through the transmission case to be inserted in the main extrusion molding device.**

**Claim 2 ( canceled)**

**Claim 3 ( currently amended):**

- [[3]] 2 The gear extrusion molding machine as claimed in claim 1, wherein a feed hopper is disposed on the main extrusion molding device to communicate with the**

upper feed inlet of the main extrusion molding device.

**Claim 4 ( currently amended):**

**[[4]] 3 The gear extrusion molding machine as claimed in claim 1, wherein a discharge pipe is disposed on the main extrusion molding device to communicate with the lower chamber of the main extrusion molding device, and the discharge pipe has an outlet.**

**Claim 5 ( currently amended):**

**[[5]] 4 The gear extrusion molding machine as claimed in claim 1, wherein the blending mechanism and the metering mechanism are arranged transversely.**

**Claim 6 ( currently amended):**

**[[6]] 5 The gear extrusion molding machine as claimed in claim 1, wherein a feeding mechanism is inserted in the blending mechanism.**